

Folic acid consumption in first trimester linked to GDM risk

February 9 2016



(HealthDay)—Folic acid (FA) consumption in the first trimester is

associated with increased risk of gestational diabetes mellitus (GDM), according to research published online Jan. 28 in *Diabetes Care*.

Beibei Zhu, from the Anhui Medical University in Hefei, China, and colleagues used data from the prospective China-Anhui Birth Cohort Study to examine the correlation between FA supplement consumption and the risk of GDM.

The researchers diagnosed GDM in 12.8 percent of the 1,938 women who had either used FA supplements or never used any [vitamin supplements](#). The risk of GDM was increased in association with daily FA supplement consumption in the first trimester (adjusted odds ratio, 2.25). The risk of GDM was much higher for women with a prepregnancy [body mass index](#) (BMI) of ≥ 25 kg/m² and taking FA supplements daily in the first trimester versus women with a prepregnancy BMI of

Citation: Folic acid consumption in first trimester linked to GDM risk (2016, February 9) retrieved 8 October 2023 from <https://medicalxpress.com/news/2016-02-folic-acid-consumption-trimester-linked.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--